

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 22

|                      |                           |
|----------------------|---------------------------|
| Application Number   | 09/646,665                |
| Filing Date          | November 27, 2000         |
| First Named Inventor | Masaaki Higashida, et al. |
| Art Unit             | 2616                      |
| Examiner Name        | Donald L. Mills           |
| Attorney Docket No.  | MAT-8014US                |

**ENCLOSURES (Check all that apply)**

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment/Reply<br><input checked="" type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): PTO-2038;<br>Return Receipt Postcard |
|---|--|---|

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

|              |                    |                  |        |
|--------------|--------------------|------------------|--------|
| Firm Name    | RatnerPrestia      |                  |        |
| Signature    |                    |                  |        |
| Printed Name | Lawrence E. Ashery |                  |        |
| Date         | August 17, 2006    | Registration No. | 34,515 |

**CERTIFICATE OF TRANSMISSION / MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                   |      |                 |
|-----------------------|-------------------|------|-----------------|
| Signature             |                   |      |                 |
| Typed or Printed Name | Donna M. Wellings | Date | August 17, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/08/04.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

1150.

**Complete if Known**

|                      |                           |
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| Application Number   | 09/646,665                |
| Filing Date          | November 27, 2000         |
| First Named Inventor | Masaaki Higashida, et al. |
| Examiner Name        | Donald L. Mills           |
| Art Unit             | 2616                      |
| Attorney Docket No.  | MAT-8014US                |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 18-0350 Deposit Account Name: RatnerPrestia

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

|                         | FILING FEES         |                 | SEARCH FEES         |                 | EXAMINATION FEES    |                 |                       |
|-------------------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|-----------------------|
|                         | <u>Small Entity</u> |                 | <u>Small Entity</u> |                 | <u>Small Entity</u> |                 |                       |
| <u>Application Type</u> | <u>Fee (\$)</u>     | <u>Fee (\$)</u> | <u>Fee (\$)</u>     | <u>Fee (\$)</u> | <u>Fee (\$)</u>     | <u>Fee (\$)</u> | <u>Fees Paid (\$)</u> |
| Utility                 | 300                 | 150             | 500                 | 250             | 200                 | 100             | _____                 |
| Design                  | 200                 | 100             | 100                 | 50              | 130                 | 65              | _____                 |
| Plant                   | 200                 | 100             | 300                 | 150             | 160                 | 80              | _____                 |
| Reissue                 | 300                 | 150             | 500                 | 250             | 600                 | 300             | _____                 |
| Provisional             | 200                 | 100             | 0                   | 0               | 0                   | 0               | _____                 |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Small Entity |          |
|--------------|----------|
| Fee (\$)     | Fee (\$) |
| 50           | 25       |
| 200          | 100      |
| 360          | 180      |

|                     |                     |                 |                      |                                  |
|---------------------|---------------------|-----------------|----------------------|----------------------------------|
| <b>Total Claims</b> | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> | <b>Multiple Dependent Claims</b> |
| 31                  | 11                  | 50              | 550                  | Fee (\$)                         |

HP = highest number of total claims paid for, if greater than 20

|                      |                     |                 |                      |
|----------------------|---------------------|-----------------|----------------------|
| <b>Indep. Claims</b> | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| 6                    | 3                   | 200             | 600                  |

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|                     |                     |   |                 |                      |
|---------------------|---------------------|---|-----------------|----------------------|
| <b>Total Sheets</b> | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| _____               | _____               | _____   | _____           | _____                |

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY****Complete (if applicable)**

|                   |                                  |        |           |                 |
|-------------------|----------------------------------|--------|-----------|-----------------|
| Signature         | Registration No. Attorney/Agent) | 34,515 | Telephone | 610-407-0700    |
| Name (Print/Type) | Lawrence E. Ashery               |        | Date      | August 17, 2006 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Application No.: 09/646,665  
Amendment Dated: August 17, 2006  
Reply to Office Action of: May 17, 2006

MAT-8014US



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No: 09/646,665  
Applicants: Masaaki Higashida, et al.  
Filed: November 27, 2000  
Title: METHOD AND APPARATUS FOR DATA TRANSMISSION, AND  
METHOD AND APPARATUS FOR DATA RECEPTION  
TC/A.U.: 2616  
Examiner: Donald L. Mills  
Confirmation No.: 5725  
Docket No.: MAT-8014US

**AMENDMENT UNDER 37 C.F.R. § 1.116**

**Expedited Procedure**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Official Action dated **May 17, 2006**, please amend the above-identified application as follows:

- ☐ **Amendments to the Specification** begin on page      of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- ☐ **Amendments to the Drawings** begin on page      of this paper and include an attached replacement sheet(s).
- ☐ **Amendments to the Abstract** are on page      of this paper. A clean version of the Abstract is on page      of this paper.
- ☒ **Remarks/Arguments** begin on page 12 of this paper.

08/23/2006 MWOLDGE1 00000006 09646665

01 FC:1201 600.00 OP  
02 FC:1202 550.00 OP